POLYURETHANE ELASTOMER GELS

ABSTRACT

Polyurethane gels, a reaction system for preparing the gels, and a process for producing polyurethane gels. The reaction system comprises a polyisocyanate composition and an isocyanate-reactive composition comprising a relatively high molecular weight monool and a relatively low molecular weight polyol having a nominal isocyanate-reactive functionality of at least 3. The gels do not require the use of plasticizers. The reaction system and process offer a surprising combination of long working time and rapid cure.